

LIGHTSheer™ FAMILY

DIODE LASER SYSTEMS

- First in permanent hair reduction utilizing state-of-the-art, pulsed diode technology.
- Optimal parameters enhance safe treatment for the widest range of skin types.
- The patented ChillTip™ handpiece actively cools while protecting the epidermis and allowing higher treatment fluences.
- Unique compression technique decreases the distance to deep follicular papillae, increasing transmission and efficiency.
- User-friendly and minimal controls allow choice of optimal parameters with repeatability.
- A family of hair removal systems designed to grow with your practice.
- Upgrades and trade-ins allow you to expand the capabilities of your LightSheer.
- Match the criteria of your specific practice when choosing one of the LightSheer models.
 - Portable systems for practices with multiple offices or partners.
 - Higher coverage rate systems for practices increasing the throughput of their patients.
 - Cost effective, entry-level system to participate in the growing hair removal market.



Over Thirty Years of Proven Results

Since its founding in 1966, Coherent has offered an unparalleled level of expertise and commitment to our customers. The LightSheer product line exemplifies our goal of continuing to bring you valuable, differentiated systems backed by solid engineering and responsive service. With Coherent, you can count on us being there to help you for years to come.

LIGHTSHEER FAMILY DIODE LASER SYSTEM SPECIFICATIONS

	LightSheer SP	LightSheer EP	LightSheer SC	LightSheer EC	LightSheer XC
Laser Type	AlGaAs Diode Arrays, Pulsed				
Wavelength	800 nm				
Peak Power	1600 watts	1600 watts	1600 watts	1600 watts	2900 watts
Repetition Rate	Up to 1 Hz	Up to 2 Hz	Up to 1 Hz	Up to 2 Hz	Up to 2 Hz
Spot Size	9 mm (square)	9 mm (square)	9 mm (square)	9 mm (square)	12 mm (square)
Fluence	10 - 40 J/cm ²	10 - 60 J/cm ²	10 - 40 J/cm ²	10 - 60 J/cm ²	10 - 60 J/cm ²
Pulse Width	5-30 ms OptiPulse™	5-30 ms OptiPulse™	5-30 ms OptiPulse™	5-30 ms OptiPulse™	5-100 ms OptiPulse™
Electrical Supply	100-120 VAC 12 amps; 220-240 VAC 6 amps; 50-60 Hz	100-120 VAC 12 amps; 220-240 VAC 6 amps; 50-60 Hz	100-120 VAC 12 amps; 220-240 VAC 6 amps; 50-60 Hz	100-120 VAC 12 amps; 220-240 VAC 6 amps; 50-60 Hz	100-120 VAC 12 amps; 220-240 VAC 6 amps; 50-60 Hz
Cooling	Self-contained, closed cycle				
Frame	Separates into two sections	Separates into two sections	Single Unit	Single Unit	Single Unit
Weight	99 lbs (45 kg)	99 lbs (45 kg)	91 lbs (41 kg)	91 lbs (41 kg)	112 lbs (51 kg)
Dimensions	14.5 in x 15 in x 35 in (37 cm x 38 cm x 89 cm)		14.5 in x 15 in x 38 in (37 cm x 38 cm x 96.5 cm)		

The LightSheer Diode Laser Systems are cleared for hair reduction based on a prospective clinical study conducted at leading research centers.** The system was optimized based on feedback from this study. The wavelength, long pulse width, large spot size, contact cooling, and compression were chosen to provide the optimal parameters for safety and efficacy.

The technology integrated in the LightSheer is the newest innovation in lasers based on semiconductor diode technology. The inherent reliability of these high powered diodes allows Coherent to offer a two-year, unlimited usage warranty on the diode arrays—the key component in the system. This technology minimizes the cost of ownership as there are no special utilities required and no consumables.

The LightSheer is also cleared for the treatment of leg veins in skin types I-V. A study at the Wellman Laboratories of Photomedicine highlighted its efficacy and safety in treating a specific class of vessels.**

Coherent is the world leader in laser hair removal systems. More LightSheer Diode Systems have been delivered than any other system.

**Contact Coherent for reprints.



The patented ChillTip handpiece represents a breakthrough in patient safety and comfort. It provides superior epidermal protection.



The LightSheer plugs into any standard wall outlet worldwide. (US configuration shown.)



Global Headquarters

Coherent
2400 Condensa Street
Santa Clara, CA 95051 U.S.A.
TEL: (408) 764-3000
(800) 635-1313
FAX: (408) 764-3999
(800) 505-1133

Coherent GmbH
Dieburg, Germany
TEL: (06071) 968-0
FAX: (06071) 968-400

Coherent (UK) Ltd.
Ely, UK
TEL: (01353) 658824
FAX: (01353) 659106

Coherent, Inc. Beijing
Beijing, China
TEL: (8610) 6510-2620
FAX: (8610) 6510-2621

Coherent Pacific
Kowloon, Hong Kong
TEL: (852) 2714-2800
FAX: (852) 2722-5151

Coherent Scandinavia
Kristianstad, Sweden
TEL: (46) 44 21 21 26
FAX: (46) 44 21 21 79

Coherent Japan Inc.
Tokyo, Japan
TEL: (81) 3-5805-5331
FAX: (81) 3-5800-5730

Coherent Médical S.A.
Saclay, France
TEL: 33 (0) 1 69 85 53 52
FAX: 33 (0) 1 69 85 35 93

Internet Address
<http://www.coherentmedical.com>
email: cmg.web@cohr.com

